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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/614,950

07/08/2003

Skott C. Klebe

C0011/7007

7104

64967 7590 06/01/2007  
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EXAMINER

WORJLOH, JALATEE

ART UNIT

PAPER NUMBER

3621

MAIL DATE

DELIVERY MODE

06/01/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/614,950	<b>Applicant(s)</b> KLEBE, SKOTT C.	
	<b>Examiner</b> Jalatee Worjloh	<b>Art Unit</b> 3621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 21 March 2007.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-42 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-42 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Response to Amendment***

1. This Office Action is responsive to the amendment filed March 21, 2007. Claims 1, 15, and 29 were amended. Claims 1-42 are pending.

### ***Response to Arguments***

2. Applicant's arguments filed March 21, 2007 have been fully considered but they are not persuasive.

3. Applicant argues that "Petrogiannis email not only includes the unencrypted document to be signed by the correspondent (recipient user), but the included ID refers not to the document, as claimed, but instead to the recipient user."

In response, the Examiner notes that the documents in Petrogiannis are preferably encrypted (see paragraph [0052]). In terms of the ID referring to the user and not the document, in the Office Action, Petrogiannis was not used to show that the ID is associated to the document; however, Christensen teaches such feature. In the Office Action it was clearly stated that Christensen discloses an identifier for the document (see claim 2 – the data has an identifier).

4. Applicant argues that Petrogiannis' proponent is a company or individual not a content server.

The Examiner respectfully disagrees, the abstract of Petrogiannis illustrates that the proponent is a server. The email is content and since the proponent server sends it, the Examiner interprets the server as a content server.

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5. Applicant argues that the applet downloaded in Petrogiannis is not a secure viewer program.

Notice, it is known in the art that applets are highly secure programs for displaying programs. Thus, the applet in Petrogiannis is a secure viewer program.

6. Applicant argues that Christensen reference does not disclose downloading a secure viewer program.

The Examiner agrees and directs Applicant to the Office Action, which indicates that Christensen does not teach such feature, but Petrogiannis teaches this feature.

7. Claims 1-42 have been examined.

***Claim Rejections - 35 USC § 103***

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 1, 2, 7-11, 15, 16, 21-25, 29, 30 and 35-39 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Publication No. 2002/0071559 to Christensen et al. in view of US Publication No. 2002/0078159 to Petrogiannis et al.

Referring to claim 1, Christensen et al. disclose receiving a request from a user (see paragraph [0343] – the user, who wishes to access the data, requests the electronic data using a client computer device), and identifier for the document (see claim 2 – the data has an identifier),

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receiving and resolving the link at the publisher and downloading an encrypted version (see paragraphs [0291] & [0294] – the publishing house may provide a hyperlink to the publisher. Thereby a user may download the encrypted data)), requesting a decryption key for the encrypted document with the secure viewer program (see paragraph [0295]), decrypting the encrypted document (see paragraph [0297] and displaying the document content in the secure viewer program (see paragraph [0299] – although it is not explicitly stated that the data is displayed, the decrypted device is outputted to an output device, which inherently displays the data). Christensen et al. do not expressly disclose preparing in the content server, an email message that contains a link to the publisher, sending the email message to the recipient user wherein, upon receiving the email, the recipient user logs onto a forwarding server at the document publisher, receiving and resolving the link at the publisher and downloading a secure viewer program to the recipient user. Petrogiannis et al. disclose preparing in the content server (i.e. proponent), an email message that contains a link to the publisher (See paragraph [0093]), sending the email message to the recipient user (i.e. correspondent) wherein, upon receiving the email, the recipient user logs onto a forwarding server at the document publisher (see paragraphs [0098] – [0100]), receiving and resolving the link at the publisher and downloading a secure viewer program (i.e. applet) to the recipient user (see paragraph [0101]). At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the method disclose by Christensen et al. to include preparing in the content server, an email message that contains a link to the publisher and an identifier for the document, sending the email message to the recipient user wherein, upon receiving the email, the recipient user logs onto a forwarding server at the document publisher, receiving and resolving the link at the

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publisher and downloading a secure viewer program to the recipient user. One of ordinary skill in the art would have been motivated to do this because it reduces unauthorized use of content (see paragraph [0007] of Christensen et al.).

Referring to claim 2, Christensen et al. in view of Petrogiannis et al. disclose the step of making the request to forward the encrypted document to the recipient user with a secure viewer running in a browser (see claim 1 above).

Referring to claim 7, Christensen et al. in view of Petrogiannis et al. disclose opening in a computer of the recipient user, a browser in response to a selection of the link by the recipient user and navigating to the forwarding server (see claim 1 above).

Referring to claim 8, Christensen et al. in view of Petrogiannis et al. disclose opening in a computer of the recipient user, a browser in response to a selection of the link by the recipient user and navigating to the forwarding server (see claim 1 above – the applet is automatically downloaded into the browser).

Referring to claim 9, Christensen et al. disclose and document identifier (see claim 2 of Christensen et al.) and downloading an encrypted version of the document (see paragraphs [0291] & [0294] – the publishing house may provide a hyperlink to the publisher. Thereby a user may download the encrypted data. The document identifier is associated with the document, which has been downloaded; therefore, since the document has been downloaded the identifier must have been downloaded.). Christensen et al. do not expressly disclose downloading a document identifier to the secure viewer program running in the recipient user's computer. Petrogiannis et al. disclose a secure viewer program (i.e. applet) running in the recipient user's computer. At the time the invention was made, it would have been obvious to a

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person of ordinary skill in the art to modify the method disclose by Christensen to include the secure viewer. One of ordinary skill in the art would have been motivated to do this because it reduces unauthorized use of content (see paragraph [0007] of Christensen et al.).

Referring to claims 10 and 11, Christensen et al. in view of Petrogiannis et al. disclose using the document identifier to request a decryption key from the forwarding server (see claim 1 above).

Claims 15 and 16 are apparatuses that comprise means for performing the step of claims 1 and 2 above; therefore, these claims are rejected on the same rationale as claims 15 and 16 above.

Claims 21-25 are apparatuses that comprise means for performing the step of claims 7-11; therefore, these claims are rejected on the same rationale as claims 15 and 16 above.

Claims 29 and 30 are computer program product comprising a computer usable medium having computer readable code thereon for performing the steps of claims 1 and 2 above; therefore, these claims are rejected on the same rationale as claims 1 and 2 above.

Claims 35-39 are computer program products comprising a computer usable medium having computer readable code thereon for performing the steps of claims 7-11 above; therefore, these claims are rejected on the same rationale as claims 7-11.

10. Claims 3 –6, 12, 17-20, 26, 31-34 and 40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Christensen et al. and Petrogiannis et al. as applied to claims 1,15 and 29 above, and further in view of US Publication No. 2004/0117247 to Agrawal et al.

Referring to claims 3 and 4, Christensen et al. teach a recipient, publisher and encrypted document (see claim 1 above). Christensen et al. do not expressly disclose the link in the email message contains information identifying the sender of the email, the recipient of the email the encrypted document, and wherein the information is inserted into the URL of the link to the publisher. Agrawal et al. disclose an email that contains a URL with a user email address embedded in it (see paragraph [0019]). Although Agrawal et al. do not explicitly indicate that URL is embedded with the information identifying the sender of the email and the encrypted document; the overall concept of embedded information into a URL is disclosed. Therefore, it will be obvious to use this concept and embedded any type of data including information identifying the sender of the email and the encrypted document. At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the method disclose by Christensen et al. to include the link in the email message contains information identifying the sender of the email, the recipient of the email the encrypted document, wherein the information is inserted into the URL of the link to the publisher. One of ordinary skill in the art would have been motivated to do this because it reduces unauthorized use of content (see paragraph [0007] of Christensen et al.).

Referring to claims 5 and 6, Christensen et al. disclose encrypted data (see claim 3 above). Christensen et al. do not expressly disclose encrypting the identifying information in the email message, encrypting the information with a public key of a public/private key pair assigned of the publisher. Agrawal et al. disclose encrypting the identifying information in the email message (see paragraph [0038] –[0040] – the encrypted code contains email address of the user). As for encrypting with the public key this is a well-known step; that is, it is known in the



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art of cryptography to encrypt data using a public key to secure data. At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the method disclose by Christensen et al. encrypting the identifying information in the email message. One of ordinary skill in the art would have been motivated to do this because it reduces unauthorized use of content (see paragraph [0007] of Christensen et al.).

Referring to claim 12, Referring to claims 3 and 4, Christensen et al. teach a recipient, publisher and encrypted document (see claim 1 above). Christensen et al. do not expressly disclose logging the information in the email including the sender, the recipient and the document identifier by the forwarding server. Agrawal et al. disclose an email that contains a URL with a user email address embedded in it (see paragraph [0019]). Although Agrawal et al. do not explicitly indicate that the email is logged with the sender, recipient and document identifier, but the overall concept of embedded information into a URL is disclosed. Therefore, it will be obvious to use this concept and embedded any type of data including sender, the recipient and the document identifier. At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the method disclose by Christensen et al. to include the step of logging the information in the email including the sender, the recipient and the document identifier by the forwarding server. One of ordinary skill in the art would have been motivated to do this because it reduces unauthorized use of content (see paragraph [0007] of Christensen et al.).

Claims 17-20 are apparatuses that comprise means for performing the step of claims 3-6 above; therefore, these claims are rejected on the same rationale as claims 3-6 above.

Claim 26 is an apparatus that comprise means for performing the step of claim 12 above; therefore, this claim is rejected on the same rationale as claim 12 above.

Claims 31-34 are computer program product comprising a computer usable medium having computer readable code thereon for performing the steps of claims 3-6 above; therefore, these claims are rejected on the same rationale as claims 3-6.

Claim 40 are computer program product comprising a computer usable medium having computer readable code thereon for performing the steps of claim 12; therefore, this claim is rejected on the same rationale as claim 12 above.

11. Claims 13, 27, and 41 are rejected under 35 U.S.C. 103(a) as being unpatentable over Christensen et al. and Petrogiannis et al as applied to claims 1, 15, and 29 above, and further in view of US Publication No. 2002/0087661 to Matichuk et al.

Referring to claim 13, Christensen et al. disclose an encrypted document (see claim 1 above). Christensen et al. do not expressly disclose a link that maintains a count of the number of times it has been selected. Matichuk et al disclose a link that maintains a count of the number of times it has been selected (see claim 4). At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the method disclose by Christensen et al to include a link that maintains a count of the number of times it has been selected. One of ordinary skill in the art would have been motivated to do this because it reduces unauthorized use of content (see paragraph [0007] of Christensen et al.).

Claim 27 is an apparatus that comprise means for performing the step of claim 13 above; therefore, this claim is rejected on the same rationale as claim 13.

Claim 41 is computer program product comprising a computer usable medium having computer readable code thereon for performing the steps of claim 13 above; therefore, this claim is rejected on the same rationale as claim 13 above.

12. Claims 14, 28, and 42 are rejected under 35 U.S.C. 103(a) as being unpatentable over Christensen et al., Petrogiannis et al. and Matichuk et al. as applied to claims 13, 27 and 41 above, and further in view of US Publication No. 2004/0103044 to Vandewater et al.

Referring to claim 14, Christensen et al. disclose an encrypted document (see claim 13 above). Christensen et al. do not expressly disclose the method wherein the link is a one-time link. Vandewater et al. disclose the method wherein the link is a one-time link. At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the method disclose by Christensen et al. to include a link that is a one-time link. One of ordinary skill in the art would have been motivated to do this because it reduces unauthorized use of content (see paragraph [0007] of Christensen et al.).

Claim 28 is an apparatus that comprise means for performing the step of claim 14 above; therefore, this claim is rejected on the same rationale as claim 14.

Claim 42 is a computer program product comprising a computer usable medium having computer readable code thereon for performing the steps of claim 14; therefore, this claim is rejected on the same rationale as claim 14 above.

### ***Conclusion***

13. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jalatee Worjloh whose telephone number is 571-272-6714. The examiner can normally be reached on Monday - Friday 9:30 - 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Fischer can be reached on 571-272-6779. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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A handwritten signature in black ink, appearing to read 'Jalatee Worjloh', with a long, sweeping horizontal line extending to the right.

Jalatee Worjloh  
Primary Examiner  
Art Unit 3621

May 28, 2007